**Kaggle Reading Group**

| **S.No.** | **Paper** | **Video** | **Date (dd-mm-yyyy)** |
| --- | --- | --- | --- |
| 1 | [Know Who Your Friends Are: Understanding Social Connections from Unstructured Text](https://www.aclweb.org/anthology/N18-5016) | [YouTube Video](https://www.youtube.com/watch?v=I82arEIPP6U&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9) | 11-10-2018 |
| 2 | [Neural Networks and Neural Language Models](https://web.stanford.edu/~jurafsky/slp3/7.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=wjz3FgYWf08&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9), [YouTube Video - 2](https://www.youtube.com/watch?v=W0-Dufn2WcI&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=40), [YouTube Video - 3](https://www.youtube.com/watch?v=fGe3mEVnPSs&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=33) | 31-10-2018, 14-11-2018, 21-11-2018 |
| 3 | [Attention is All You Need](https://papers.nips.cc/paper/7181-attention-is-all-you-need.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=54uLU7Nxyv8&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=39), [YouTube Video - 2](https://www.youtube.com/watch?v=VEcsf0OKhfw&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=38), [YouTube Video - 3](https://www.youtube.com/watch?v=9vUoBIeqrQg&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=37) | 28-11-2018, 26-12-2018, 02-01-2019 |
| 4 | [BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding](https://arxiv.org/pdf/1810.04805.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=BaPM47hO8p8&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=36), [YouTube Video - 2](https://www.youtube.com/watch?v=yqwnehmB9uQ&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=35), [YouTube Video - 3](https://www.youtube.com/watch?v=IF6xV0RI91s&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=34), [YouTube Video - 4](https://www.youtube.com/watch?v=4qDJwq42q-k&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=32) | 09-01-2019, 23-01-2019, 06-02-2019, 13-02-2019 |
| 5 | [Language Models are Unsupervised Multitask Learners](https://d4mucfpksywv.cloudfront.net/better-language-models/language-models.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=oaQSQsjhcwQ&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=31&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=9dSQmXDH--I&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=30&t=0s), [YouTube Video - 3](https://www.youtube.com/watch?v=Rbs55YaK7EU&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=29&t=0s) | 20-02-2019, 27-02-2019, 06-03-2019 |
| 6 | [Probing the Need for Visual Context in Multimodal Machine Translation](https://arxiv.org/pdf/1903.08678.pdf) | [YouTube Video](https://www.youtube.com/watch?v=2ZpxbsHLeBQ&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=26&t=0s) | 11-04-2019 |
| 7 | [Dissecting contextual word embeddings: Architecture and representation](https://aclweb.org/anthology/D18-1179) | [YouTube Video - 1](https://www.youtube.com/watch?v=U7UYsMweMLY&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=25&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=IvMV10U7hvw&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=28&t=0s), [YouTube Video - 3](https://www.youtube.com/watch?v=1HNe0Tz7dUM&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=27&t=0s), [YouTube Video - 4](https://www.youtube.com/watch?v=upzybyzUDGk&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=24&t=0s) | 13-03-2019, 20-03-2019, 03-04-2019, 24-04-2019 |
| 8 | [Multi-Task Deep Neural Networks for Natural Language Understanding](https://arxiv.org/pdf/1901.11504.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=jLrcM-kAo34&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=23&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=9KsiVUY7aEM&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=22&t=0s), [YouTube Video - 3](https://www.youtube.com/watch?v=FpQHpwe-9jA&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=21&t=0s) | 01-05-2019, 08-05-2019, 15-05-2019 |
| 9 | [Generating Long Sequences with Sparse Transformers](https://arxiv.org/pdf/1904.10509.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=jaqjcHmCBfY&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=20&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=se4ZM0es924&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=19&t=0s), [YouTube Video - 3](https://www.youtube.com/watch?v=2xTQR1Zd8rU&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=18&t=0s) | 22-05-2019, 29-05-2019, 05-06-2019 |
| 10 | [Universal Sentence Encoder](https://arxiv.org/pdf/1803.11175.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=C8v-Q5ASfUE&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=14&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=acTHpOaShBU&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=17&t=0s) | 12-06-2019, 19-06-2019 |
| 11 | [XLNet: Generalized Autoregressive Pretraining for Language Understanding](https://arxiv.org/abs/1906.08237) | [YouTube Video - 1](https://www.youtube.com/watch?v=Ubh03Sh45b0&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=16&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=L4JRLBENP48&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=15&t=0s) | 03-07-2019, 10-07-2019 |
| 12 | [An Open Source AutoML Benchmark](https://www.automl.org/wp-content/uploads/2019/06/automlws2019_Paper45.pdf) | [YouTube Video](https://www.youtube.com/watch?v=WlXhpXv9kDU&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=11&t=0s) | 14-08-2019 |
| 13 | [Probing Neural Network Comprehension of Natural Language Arguments](https://www.aclweb.org/anthology/P19-1459.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=ks8Cz1qx2rE&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=10&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=VSeGodDuZsw&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=9&t=0s) | 21-08-2019, 04-09-2019 |
| 14 | [Weight Agnostic Neural Networks](https://arxiv.org/pdf/1906.04358.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=rEKtmUS3WIU&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=8&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=u0PW79ClO-s&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=7&t=0s) | 11-09-2019, 18-09-2019 |
| 15 | [Deep Learning for Symbolic Mathematics](https://openreview.net/pdf?id=S1eZYeHFDS) | [YouTube Video - 1](https://www.youtube.com/watch?v=q_cMExRsJl8&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=6&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=KPWT385AFV8&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=5&t=0s) | 02-10-2019, 09-10-2019 |
| 16 | [EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks](http://proceedings.mlr.press/v97/tan19a/tan19a.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=4U2WO8ObGGU&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=4&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=LRpzb17B1BM&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=3&t=0s) | 16-10-2019, 23-10-2019 |
| 17 | [Learning from Dialogue after Deployment: Feed Yourself, Chatbot!](https://www.aclweb.org/anthology/P19-1358.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=PhTF7yJNR70&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=2&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=OqXcJTlLuF4&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=43&t=0s) | 30-10-2019, 06-11-2019 |
| 18 | [On NMT Search Errors and Model Errors: Cat Got Your Tongue?](https://www.aclweb.org/anthology/D19-1331.pdf) | [YouTube Video - 1](https://www.youtube.com/watch?v=LpRbOzNshNA&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=44&t=0s), [YouTube Video - 2](https://www.youtube.com/watch?v=eGdQdNcSoSA&list=PLqFaTIg4myu8t5ycqvp7I07jTjol3RCl9&index=45&t=0s) | 11-12-2019, 18-12-2019 |